

MZP-54

## Chemical Properties

CAS No. : 2010159-47-2

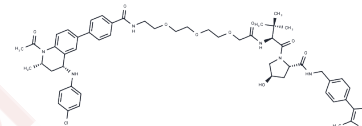
Formula: C55H66ClN7O9S

Molecular Weight: 1036.67

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	MZP-54 is a selective degrader of BRD3/4 based on PROTAC technology(Kd of 4 nM for Brd4BD2)
Targets(IC50)	Epigenetic Reader Domain,PROTACs

## Solubility Information

Solubility	Ethanol: 50 mg/mL (48.23 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9646 mL	4.8231 mL	9.6463 mL
5 mM	0.1929 mL	0.9646 mL	1.9293 mL
10 mM	0.0965 mL	0.4823 mL	0.9646 mL
50 mM	0.0193 mL	0.0965 mL	0.1929 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Chan KH, et al. Impact of Target Warhead and Linkage Vector on Inducing Protein Degradation: Comparison of Bromodomain and Extra-Terminal (BET) Degraders Derived from Triazolodiazepine (JQ1) and Tetrahydroquinoline (I-BET726) BET Inhibitor Scaffolds. J Med Chem. 2018 Jan 25;61(2):504-513.

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